

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/019276

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02F1/139 G02F1/1335

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2001/035925 A1 (MATSUNAGA MASAAKI ET AL) 1 November 2001 (2001-11-01) paragraphs '0053!-'0056!; figures 1,2 ---	1-32
A	LAZAREV P ET AL: "E-type Polarizers and Retarders" PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, vol. 4819, 2002, pages 46-55, XP002261227 ISSN: 0277-786X paragraph 'DISCUSSION!; figure 11 --- -/-	1-32

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search 2 November 2004	Date of mailing of the international search report 01/12/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Hauser, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BOBROV Y ET AL: "Thin film polarizers for liquid crystal displays" PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING SPIE-INT. SOC. OPT. ENG USA, vol. 4511, June 2001 (2001-06), pages 133-140, XP002303466 ISSN: 0277-786X Sections 1.1, 1.2, 4 -----	
A	COBB, C., NAZAROV, V., IGNATOV, L., LAZAREV, P., PAUKSHTO, M.: "Application Specific Polarizers" ASID'00 CONFERENCE PROCEEDINGS, 18 - 20 October 2000, pages 475-479, XP002303467 china the whole document -----	

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Information on patent family members

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Patent document cited in search report	Publication date		Patent family member(s)	Publication date
US 2001035925	A1	01-11-2001	WO 9743685 A1	20-11-1997
			JP 3563233 B2	08-09-2004
			JP 10073797 A	17-03-1998
			JP 2002072192 A	12-03-2002
			JP 2002131717 A	09-05-2002
			JP 2003262847 A	19-09-2003
			TW 510504 Y	11-11-2002